

# Manhole Inspection Summary

Manhole # S04A\_\_019MH

Printed On: 6/24/2010

Page 1 of 5

**Inspection** ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **04A** Node: **019** Status: **Found**

Insp Date: **5/23/08 11:43 AM**

Incomplete Comments

Crew: **BC JD**  
Inspector: **Chung**  
Firm: **URS**

**Location** Address: **857 WINANS-GLEN ALLEN**

Cross Street: **WINANS WAY**

**Manhole** Type: **Inline** Location: **Alley**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

**Cover** Shape: **Circular** Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame** Offset: **4** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment** ☒ Exists Material: **Brick** ☐ Parged Height: **3** (in.)

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel** Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Barrel** Material: **Brick** ☐ Parged

Shape: **Circular** Diameter: **48** (in.) Length: (in.)

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Bench** ☒ Exists Material: **Brick** ☐ Parged

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☒ **Deteriorated** ☐ Leaks ☒ **Debris**

**Channel** Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☒ **Deteriorated** ☐ Leaks ☒ **Debris**

**Steps** Count: **3** Missing: **0** ☐ Corroded

**Surcharge** ☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Location View



Top View



DEBRIS ON THE BENCH

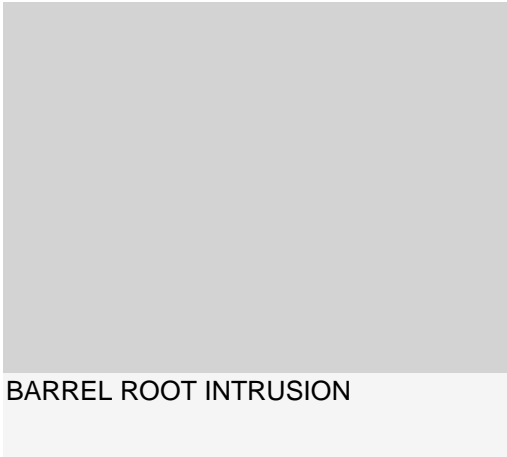
GRADE ADJUSTMENT



OFFSET

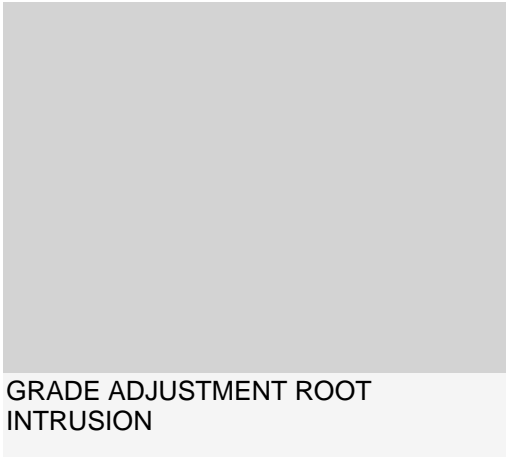


Defect 1



BARREL ROOT INTRUSION

Defect 2



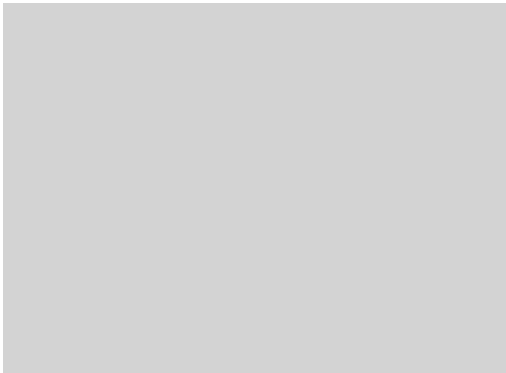
GRADE ADJUSTMENT ROOT INTRUSION

Defect 4



BARREL ROOT INTRUSION

Defect 3



BARREL & BENCH ROOTS, LOOSE  
BRICKS IN BENCH, DEBRIS

## Manhole Inspection Summary

Manhole # S04A\_\_019MH

Printed On: 6/24/2010

Page 4 of 5

8 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **7.60** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Gravy ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer  
Pipe In @ 3 O'Clock

3 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **6.90** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Gravy ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

Manhole Inspection Summary

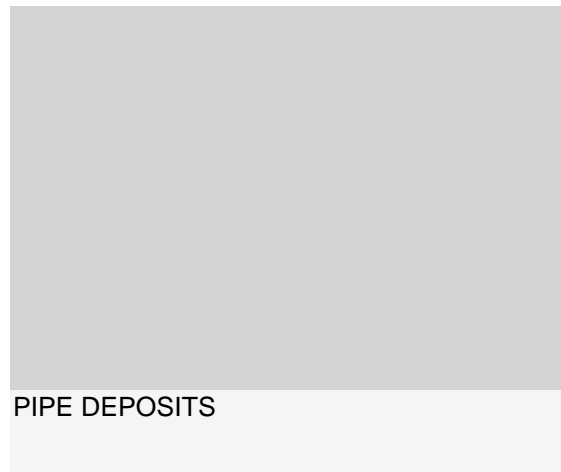
Manhole # S04A\_\_019MH

Printed On: 6/24/2010

Page 5 of 5

6 in. Circular Gravity Sewer  
Pipe In @ 7 O'Clock

7 O'Clock Inflow



Pipe Height: 6 (in.) Rod and Bar (Angled)  
Pipe Material: Clay ☐ Pipe Lined  
Invert Depth: 7.20 (ft.) Flow Characteristics: None  
Deposits: ☐ None ☒ Mud ☒ Sludge ☒ Debris ☐ Grease  
Silt Depth: 5 (in.) Deposits Extent: Heavy  
Infiltration: Evidence Pipe Seal Cond: Roots

Drop: None

Connects To: House connection / Service line  
☐ Possible Illicit Connection